



PRITHVI FLOOR GUARD

Category: Water-Based Acrylic Floor & Wall Finish Paint

1. PRODUCT DESCRIPTION

PRITHVI FLOOR GUARD is a single pack, air drying, water base acrylic-based finish paint. These products can be used on many concrete surfaces, adding life to retaining pots, floors & courtyard feature walls, and dust suppression for data centres.

2. RECOMMENDED USES / APPLICATIONS

- Paver Tiles
- Concrete Floors
- Roof Tops
- Industrial Markings
- Drive Ways, High Traffic Areas & Light Commercial Areas
- Stones & Sculptures Coating
- Dust Suppression for Data Centres

3. KEY FEATURES & BENEFITS

- Easily recoatable & re-applying
- Single pack, hence easy to use
- Extremely fast drying (touch dry in 30 minutes / recoat in 5 – 6 hours)
- Very tough & abrasion resistant
- Non-fading of colors
- Common product for both interior & exterior coatings
- Good covering

4. PHYSICAL & CHEMICAL PROPERTIES

Density (Wt/Lt.)	1.20 – 1.50 gm/Lit
Viscosity	110 – 140 Ku
Finish	Sheen
pH of Paint	7.5 to 8.5
Stability of Thinned Paint	To be used within 24 hours



5. METHOD OF APPLICATION

- All surfaces to be painted should be clean from wax, loose or flake coatings, dirt, rust, grease, etc.
- Never put too much paint at once. Two coats at the coverage level recommended on the label are better than one thick coat.
- Work in small sections of 1–2 square metres at a time.

6. APPLICATION DETAILS

Method of Application	Brush, Spray & Roller
Recommended Thinner	Soft Water
Covering Capacity	100 – 120 Sq.ft/litre per coat (10 – 12 Sqmt/Lit), depending on application, film thickness & nature of substrate
Drying Time – Touch Dry (at 30°C)	30 minutes
Drying Time – Hard Dry	Overnight
Recoating Time	6 to 8 hours for colours

7. SURFACE PREPARATION

Proper surface preparation is key to a great, long-lasting finish. Be sure to check the suitability of your concrete prior to painting, especially patterned or sealed concrete. Refer to the directions on the can before starting your job. Here are a few useful guidelines:

- When painting over new concrete, allow the surface to cure for at least 12 weeks before etching & painting. 4 weeks cure is acceptable.
- Bare concrete surface must be cleaned prior to painting.
- The etched surface should feel like rough sandpaper (120 grit). Repeat etching if necessary.
- Sand, but do not etch glossy surface prior to re-coating (this is a common mistake).
- Light stains such as car oil grease should be removed prior to painting.

8. HINTS & TIPS

- Preparing your surface properly will ensure the finish is long-lasting & durable.
- Two thin coats are always better than one thick coat.
- Don't be tempted to apply the paint thickly — a single thick coat may have problems with drying, adhesion & will reduce durability.
- Take accurate measurement of the area that you wish to paint & calculate the amount of paint you will require.
- Always start in the farthest corner of the area to be painted & work back towards the entry point.



9. STORAGE & HANDLING

Store in a cool, dry place.

10. SAFETY PRECAUTIONS & DISPOSAL

Work in a well-ventilated place. Protective clothing such as overalls, hand gloves and eye goggles are recommended.

Dispose of in landfilling. Do not dispose of in any drain or water-channel.

DISCLAIMER

The information contained in this Technical Data Sheet is provided in good faith and is based on Prithvi Coatings' current knowledge and testing believed to be reliable. It is intended as a general guide only and does not constitute a warranty of performance, as actual results may vary depending on application conditions, substrate, and equipment beyond our control. Users should conduct their own trials to confirm suitability for their specific purpose prior to full-scale use. Prithvi Coatings reserves the right to amend this data without prior notice as products are continually reviewed and improved. Please ensure you are referring to the most current version of this document.